

# PROJECT DEVELOPMENT & ENVIRONMENT TRAINING COURSE

# Welcome !

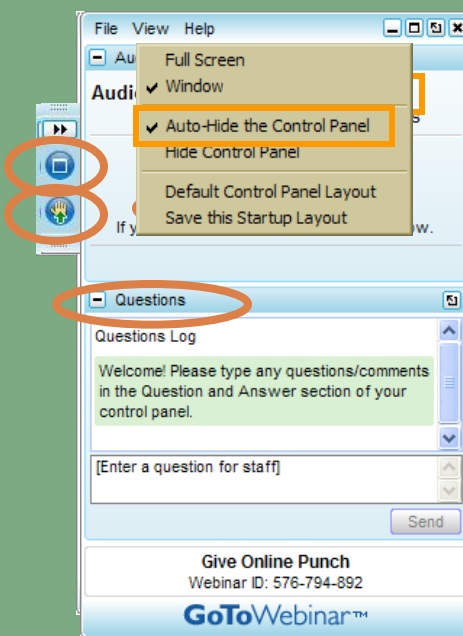
This course is being provided by  
the FDOT Central Environmental Management  
Office (CEMO)

# GoToWebinar Attendee Interface

## 1. Viewer Window



## 2. Control Panel



# Some Webinar Tips

- ❑ Introductions
- ❑ Have your materials at hand
- ❑ Questions & Answers – CHAT
- ❑ Poll Questions
- ❑ Successful Completion of Post-Tests = Course Credit
- ❑ Email contact info to [lmwhately@transystems.com](mailto:lmwhately@transystems.com) after today's course to receive link to post-tests
- ❑ Follow-Up Survey after last training class
- ❑ Course Videos available after last training class

# Purpose of Course

- Introduce you to the National Environmental Policy Act of 1969 (NEPA)
  - ▣ SAFETEA-LU (ETDM Grandfathered)
- Introduce you to the Project Development and Environment (PD&E) Process & Manual
  - ▣ Increase knowledge of its content
  - ▣ Increase knowledge of administrative process
- Walk through role of PD&E Project Manager

# Course Overview

- Over the next 3 days
  - ▣ 9:00am to 12:30am each day
- Course Modules
  - ▣ You should have printed:
    - Your Copy of the PD&E Manual
    - Course Handouts
  - ▣ Exercises
  - ▣ Discussion
- Post-Module Quizzes
  - ▣ Required for your certificate

# Course Overview

Section 3-1

## □ 5 different modules



## □ Chapter and Section numbers

# THE PROCESS & MANUAL

Module 1

Part 1, Chapter 1



# Acronyms

- PD&E – Project Development & Environment
- NEPA – National Environmental Policy Act
- CEMO – Central Environmental Management Office
- USC – United States Code
- CFR – Code of Federal Regulation
- SAFETEA-LU – Safe, Accountable, Flexible Efficient Transportation Equity Act: A Legacy for Users

# National Environmental Policy Act 1969 (as amended)

Module

1

Introduction

- National Environmental Policy Act -1969
  - ▣ Requires consideration of environmental effects and reasonable alternatives
  - ▣ Environmental - natural, human, physical
  - ▣ Title 2 – Created CEQ (“the NEPA Cops”)
  - ▣ 42 USC, Title 42, Chapter 55, Section 4321

# Compliance with NEPA is Mandatory When ...

- Transportation improvements are being planned
  - ▣ Developed to ensure consideration of environmental impacts and potential mitigation
- NEPA applies to improvement projects when:
  - ▣ Federal funds or assistance is used during any phase of project development or implementation
  - ▣ Federal funding or assistance eligibility is being maintained for subsequent phases
  - ▣ Federal permit(s) is (are) required (e.g. U.S. Coast Guard Bridge permit)
  - ▣ Federal approval of an action is required (e.g. change in Interstate access control, use of Interstate right-of-way)
- NEPA can apply to local government projects
  - ▣ Through FHWA, Local Agency Program (LAP) or FTA Grants



One  
Environmental  
Process  
Regardless of  
Funding  
Source

# ETDM

A large, stylized brown umbrella with a curved handle. The umbrella is open and occupies most of the frame. The text 'ETDM' is written in large, white, sans-serif capital letters across the top of the umbrella's canopy. The background is a solid light green color.

Planning Screen

PD&E Process

Programming Screen

# Federal Laws

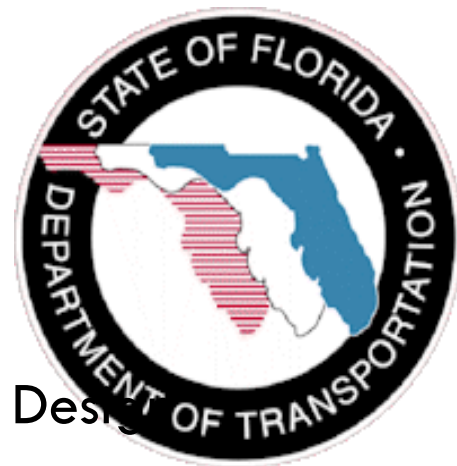
42 USC, Title 42, Chapter 55, Section 4321	National Environmental Policy Act of 1969 (NEPA)
SAFETEA-LU	Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) - August 25, 2005
TEA-21	Transportation Equity Act for the 21st Century - June 9, 1998
ISTEA	Intermodal Surface Transportation Efficiency Act - 1991
23 USC, Section 109(h)	Highways - Economic, Social, and Environmental Effects
23 USC, Section 128	Public Hearings
42 USC, Chapter 126, Section 12101	Americans with Disabilities Act of 1990, Titles I and V
42 USC, Subchapter V, Sections 2000d-2000d-7	Public Health and Welfare - Title VI of the 1964 Civil Rights Act and Related Statutes
23 CFR, Part 771, Section 771.111	Environmental Impact and Related Procedures - Early Coordination, Public Involvement, and Project Development
40 CFR, Chapter I, Part 93.105	Environmental Protection Agency, Transportation Conformity Rule Amendment - Consultation
40 CFR, Volume 31, Chapter V, Parts 1500-1508	Council on Environmental Quality Regulations (NEPA Requirements)
49 CFR, Subtitle A, Part 24	Uniform Relocation Assistance and Real Property Acquisition Policies Act
Executive Order 12898	Environmental Justice - Avoidance of actions that can cause disproportionately high impacts on minority and low income populations
Executive Order 13166	Improving access to services for persons with limited English proficiency
Technical Advisory 6640.8A	Guidance for preparing and processing Environmental and Section 4(f) documents - October 30, 1987

# Compliance with SAFETEA-LU

- Requirements met during Screening and PD&E
  - ▣ Distribution of AN through SCH (Project Initiation)
  - ▣ Lead Agency determination
  - ▣ Identify Participating and Cooperating agencies
  - ▣ Define purpose and need
  - ▣ Define range of alternatives
  - ▣ Scoping process
  - ▣ Determine methodology and level of detail
  - ▣ Develop coordination plan
  - ▣ Set comment deadlines
  - ▣ COA determination
  - ▣ Develop Schedule
  - ▣ Notice of Intent (for EIS only)

# FDOT Policies and Guidance

- FDOT Policies
  - ▣ Environmental Policy
  - ▣ Public Involvement Opportunities Policy
  - ▣ Noise Policy
- Guidance Documents
  - ▣ ETDM Manual
  - ▣ Public Involvement Handbook
  - ▣ Sociocultural Effects Handbook
  - ▣ Plans Preparation Manual (Transportation Design for Livable Communities)
  - ▣ Cultural Resource Management Handbook





# NEPA vs. PD&E

- FDOT's PD&E Process is state procedure for complying with environmental regulations
- In Florida, NEPA = PD&E
- PD&E Manual
  - ▣ Defines the process to ensure compliance with NEPA

# History of PD&E Manual

- Four years to develop
- First published as guidelines in 1988
- Defines the process for to ensure engineering and environmental analysis to ensure compliance with Federal and State regulations
- PD&E Manual on the EMO Website
  - ▣ [www.dot.state.fl.us/emo/](http://www.dot.state.fl.us/emo/)

# PD&E Manual Background

- Based on Federal regulations and laws, State laws, FHWA Division policy, FDOT policy, FDOT practices over time
- Also includes approved FDOT procedures and standards, intergovernmental agreements, interagency letters of agreements and executive orders
- End of each Chapter has resource list of regulations, laws, etc. used in developing Chapters

# PD&E Manual Background (cont.)

- FDOT, FHWA and consultants use this manual to prepare and review all environmental documents
- Other states had adopted the manual for their use
- Still reviewed by agency partners

# Use of PD&E Manual

- Based on Procedure #650-000-001
- Manual updates or additions are reviewed by EMO Committee
- Newly implemented chapter revision process
  - ▣ Yearly review of chapter status
  - ▣ Update schedule available to Districts

# PD&E Chapter Revisions

- Part 1
  - ▣ Ch. 2- Class of Action
  - ▣ Ch. 8- Draft Environmental Impact Statement
  - ▣ Ch. 10- Non-Federal Projects
  - ▣ Ch. 14- Federal Transit Administration Environmental Process
  - ▣ New Ch. 15- Federal Railroad Administration Environmental Process
- Part 2
  - ▣ Ch. 4- Project Description
  - ▣ Ch. 15- Aesthetic Effects
  - ▣ Ch. 17- Noise
  - ▣ Ch. 19- Aquatic Preserves
  - ▣ Ch. 21- Outstanding Florida Waters
  - ▣ Ch. 25- Coastal Zone Consistency
  - ▣ Ch. 26- Coastal Barrier Resources

# PD&E Scope of Services

- ❑ Public Involvement
- ❑ Engineering
- ❑ Environment
- ❑ Miscellaneous Services



# PD&E Documents

- All Federal documents (CE, EA with FONSI, DEIS/FEIS)
- Administrative record documents all Federal actions
  - ▣ Includes environmental impacts of the proposed action
- Also documents commitments, mitigation, public involvement, intergovernmental coordination and social, economic, and environmental impact evaluations
- Should be written for the public to understand
- Same logic applies to SEIRs



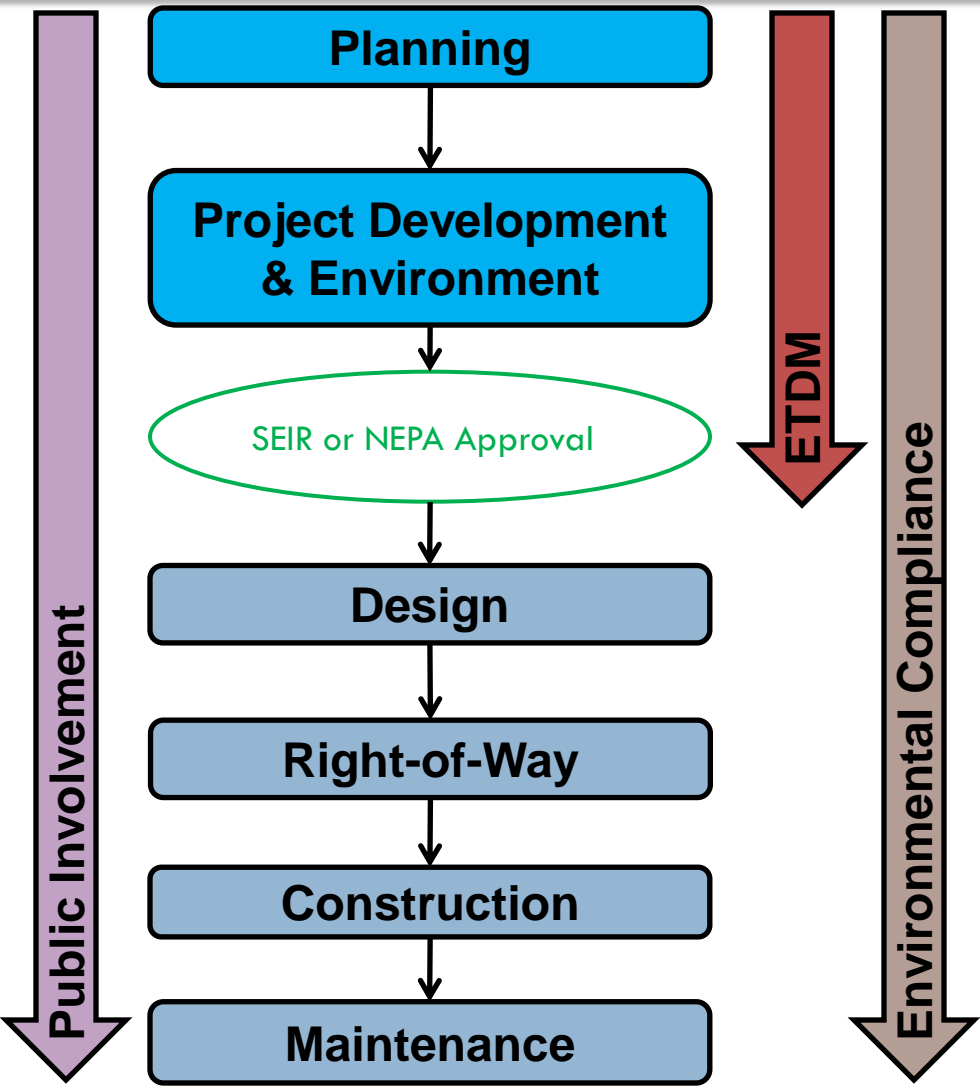
# Standard Statement in *Italics*

- Because of legal requirements, the manual contains numerous standard statements shown in italics
- Based on agreements developed for legal sufficiency purposes
- These conclusions have a legal finding attached to them and should be used at all times
- These need to be included in your document (technical and final environmental documents)

# The Environmental Process

- What leads up to PD&E??
  - ▣ The ETDM Process
    - Planning Screen
    - Programming Screen
    - PD&E Process
      - Engineering Analysis
      - Environmental Analysis
      - Public and Community Involvement
      - Permit and Commitment Compliance

# Project Implementation Steps



# Any Questions?

## **EMO Manager**

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- Follow-Up Survey after last training class
- Course Videos available after last training class